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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Before the Examiner:  
Shepherd Shi et al. : Cindy Nguyen  
Serial No.: 09/740,226 : Group Art Unit: 2171  
Filed: December 19, 2000 : IBM Corporation  
Title: APPARATUS FOR INDIRECT : IP Law Department  
DIRECTORY SEARCHES AND METHOD : Internal Zip 4054  
THEREFOR : 11400 Burnet Road  
: Austin, Texas 78758

**RECEIVED**

AUG 12 2003

Technology Center 2100

**SECOND REPLY UNDER 37 C.F.R. § 1.111**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action having a mailing date of May 5, 2003(Paper No. 7), with a three-month shortened statutory period for response set to expire on August 5, 2003, please amend the above-referenced Application as follows:

**CERTIFICATION UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Non-Fee Amendment, Commissioner for Patents, Alexandria, VA 22313-1450, on August 5, 2003.

Signature

Toni Stanley

(Printed name of person certifying)

**Amendments to the Specification** begin on page 3 of this paper.

**Amendments to the Drawings** begin on page 4 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks** begin on page 5 of this paper.

**An Appendix** including amended drawing figures is attached following page 17 of this paper.